



CITY OF LODI COUNCIL COMMUNICATION

AGENDA TITLE: Approve Specifications and Advertise for Bids for Self Propelled Mini Digger Derrick (EUD)

MEETING DATE: February 20, 2008

PREPARED BY: Electric Utility Director

RECOMMENDED ACTION: Approve specifications and advertise for bids for Self Propelled Mini Digger Derrick.

BACKGROUND INFORMATION: The Electric Utility Department (EUD) maintains approximately 65 miles of overhead power lines in backyard and/or areas that are not accessible by a conventional digger derrick truck. EUD does not have an efficient means to install power poles, transformers or other electrical equipment in these limited access areas.

The Self Propelled Mini Digger Derrick is a compact carrier only 34" wide and the rubber track drive will expand up to 52" in width when needed for stabilization. It can pass through narrow gates and travel in limited access areas like rear yards and other urban settings. The integrated load deck has a carrying capacity of 2,500 lbs, and can easily carry transformers and other electrical equipment to the work site. The mini digger derrick has the ability to dig an 8' hole and set a 45' power pole safely and effortlessly without utilizing additional staff and time consuming "block and tackle" techniques.

FISCAL IMPACT: A reduction in labor cost per utility pole installed/replaced is expected.

FUNDING: Included in the EUD 2007/08 budget Account No. 1611201.7700 (\$125,000)

Kirk Evans, Budget Manager

George F. Morrow
Electric Utility Director

Prepared By: Barry Fisher, Construction/Maintenance Supervisor

GFM/BF/lst

APPROVED: _____
Blair King, City Manager